

Title (en)  
STRAND GUIDE ELEMENT

Title (de)  
STRANGFÜHRUNGSELEMENT

Title (fr)  
ELEMENT DE GUIDAGE DE BARRE COULEE

Publication  
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Application  
**EP 01933864 A 20010420**

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Abstract (en)  
[origin: WO0194051A1] The invention relates to a strand guide element for use in a continuous slab caster or continuous thin-slab caster. Said strand guide element comprises at least two strand guide rolls (5a, 5b) that form a cooperating pair of rolls and that are received by opposite roll supports (4, 7). At least one roll support (7) is mounted in a common guide element frame (2) so as to be displaceable relative to the opposite roll support (4). Said displaceable roll support is linked with the guide element frame via an adjustment device (10) and at least one roll (5a, 5b) of the pair of rolls is coupled to a rotational drive (9a, 9b). The aim of the invention is to ensure, with little constructive modifications, the symmetrical application of the contact pressure to the cast strand and the alignment of the interacting strand guide rolls, while reducing investment and operating costs. To this end, only one adjustment device (10) is provided that centrally acts upon both the displaceable roll support (7) and the guide element frame (2), and the guides (15a, 16) on the displaceable roll support (7) engage with counter-guides (15b, 16b) on the guide element frame (2).

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